Historical Information of Maryland Commission of Fisheries
With Some Notes on Game

Fisherics Administration Maryland Department of Natural Resources Route 1, Box 180 Hagerstown, Maryland 21740

Based on Annual Reports, Legislative Enactments and Personal Observations; also, the Compiled Laws of the Game and Inland Fish Commission, 1654---1965

Ciphen Millian John Commission Co

ру

Albert M. Powell - Retired

Superintendent of Hatcheries ()

1967

E PROPERTY OF

In 1951, the Dingler-Johnson Act made funds available for 75% of the cost of fisheries research and investigations, also for the purchase and development of lands, lakes and ponds, all for the public's fishing use. The evaluation of money spent in this development work cannot be measured in dollar value, for much was accomplished that otherwise would have been impossible.

One thing is sure....this department has not had a recession for some years and with our responsible personnel the possibility of one is remote.

Policies and work programs were in use but did not become an established part of the overall work program until about 1952, when a projected work program was instituted.

Work projects were defined and numbered and a work plan for the year was projected, as:

PROJECT I: River Basin Watershed Stabilization

PROJECT II: Artificial Propagation of Fish and Commercial Purchase of Fish

PROJECT III: Fish Stocking

PROJECT IV: Maintenance and Repair of Equipment and Property

PROJECT V: Land Acquisition, Engineering, Survey and Design, Construction and Development

PROJECT VI: Cooperative Projects

As the work progressed it became necessary to reword several of the projects and add sub-headings to cover the work at hand, until by 1962, the program read as follows:

#### WATERSHED DEVELOPMENT

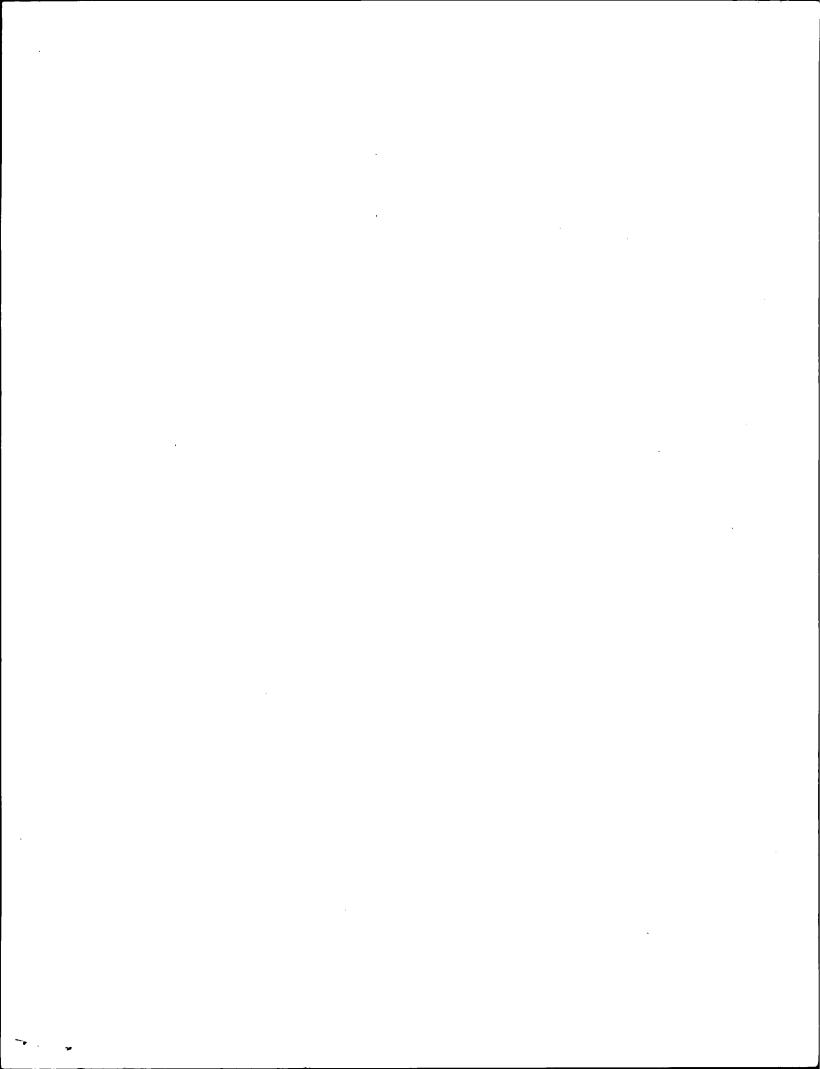
PROJECT I-A - Reclamation
I-B - Vegetation

C-B - Structure

PROJECT II - Fish Propagation
Project II-A - Cold Water Fishes
Project II-B - Warm Water Fishes

PROJECT III - Fish Distribution
Project III-A Cold Water
Project III-B Warm Water

PROJECT IV - Maintenance Project IV



PROJECT V - Engineering

Project V-A - Acquisition

Project V-B - Surveys

Project V-C - Construction

Project V-D - Inspection

PROJECT VI - Watershed Development

Fisheries Administration

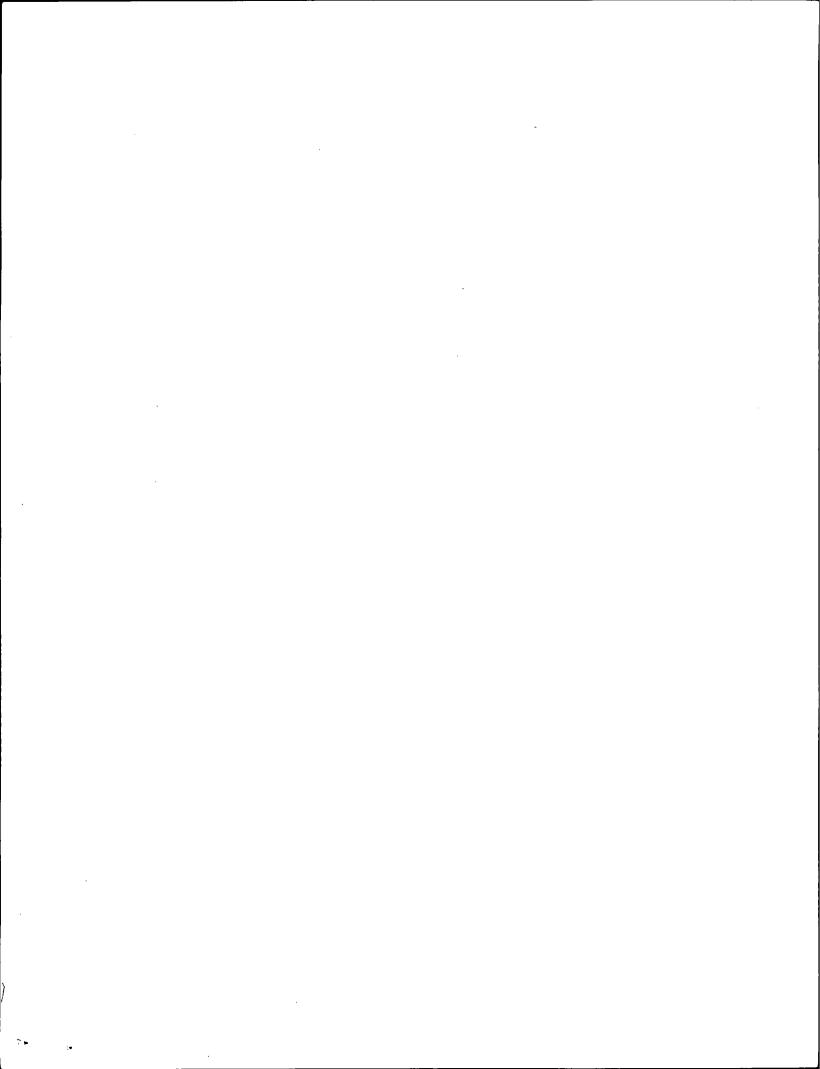
Project VI-A - Fisheries Administration

Project VI-B - Information Extension

PROJECT VII - Inland Fisheries Investigations
Project VII-A - State

Space does not permit the recordings of the work accomplished during this period and it is very unfortunate that our annual reports in recent years have failed to give a full account of the most aggressive years this department has experienced.

The annual reports made by the Regional Supervisors and compiled in the Annapolis office, were mimeographed; copies will be made and distributed within our own personnel. Copies should be made and placed in libraries and other archives throughout the state for public reference.



provide for an increase in utilization of these less sought after species and a study of the success and methods of known smallmouth bass fishermen.

Harold J. Elser, Fisheries Biologist
MARYLAND DEPARTMENT OF RESEARCH AND EDUCATION
Chesapeake Biological Laboratory
Inland Research Division
Solomons, Maryland

Management Recommendations for Deep Creek Lake, 12/12/1955 - Ref. No. 56-3

Fishing Pressure and harvest of Sports-Fishes on the Potomac River in 1954

Conowingo-Susquehanna Creel Census Report, 1955 - Ref. No. 57-12

Memorandum - Information Report on 1955 Investigations in Deep Creek Lake

A Preliminary Report of the Smithville Pond Drainage Project, 1955
- Ref. No. 56-10

The Back Creek Pond Drainage Project, 11956 - Ref. No. 57-17

Preliminary Report on Kelly Pool Drainage Project,

The Fort Mead Wildlife Club - Ref. No. 56-5

A Preliminary Report of the Smithville Pond Drainage Project, 1955
- Ref. No. 56-10

The Frazier's Pond Drainage Project, 1957 - Ref. No. 57-46

The Lake Koshare Drainage Project, 1957 - Ref. No. 57-55

The Greenbelt Lake Draining Project - A Preliminary Report, 1957 - Ref. No. 57-11

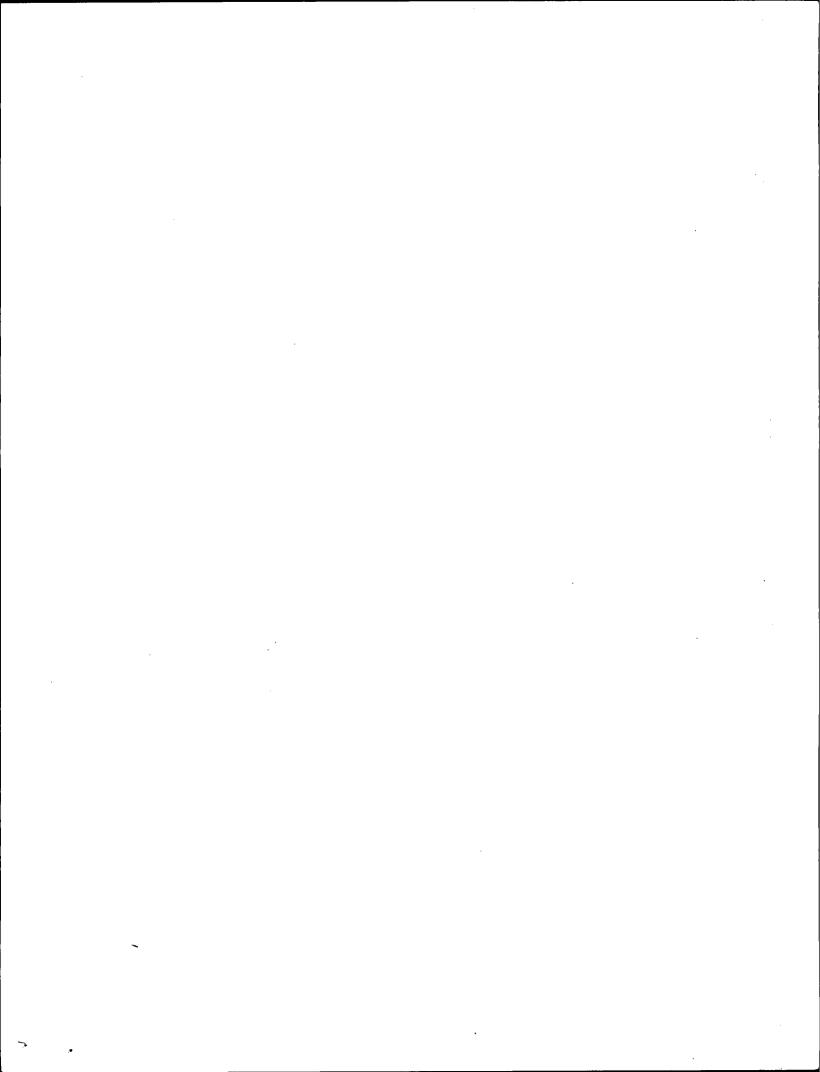
The Hughesville Community Pomd, 1957. Fishing Pressure,
Harvest and Production - Ref. No. 58-14

Notes on the Chain Pickerel in Maryland. Harold J. - Ref. No. 61-14 Elser and Romeo Mansueti - Revised February 1961 - Ref. No. 58-60

The St. Paul's Drainage Project, 1958 - Ref. No. 58-11

Fish Stocking in Deep Creek Lake, Maryland - Ref. No. 61-13

(Oontinued)

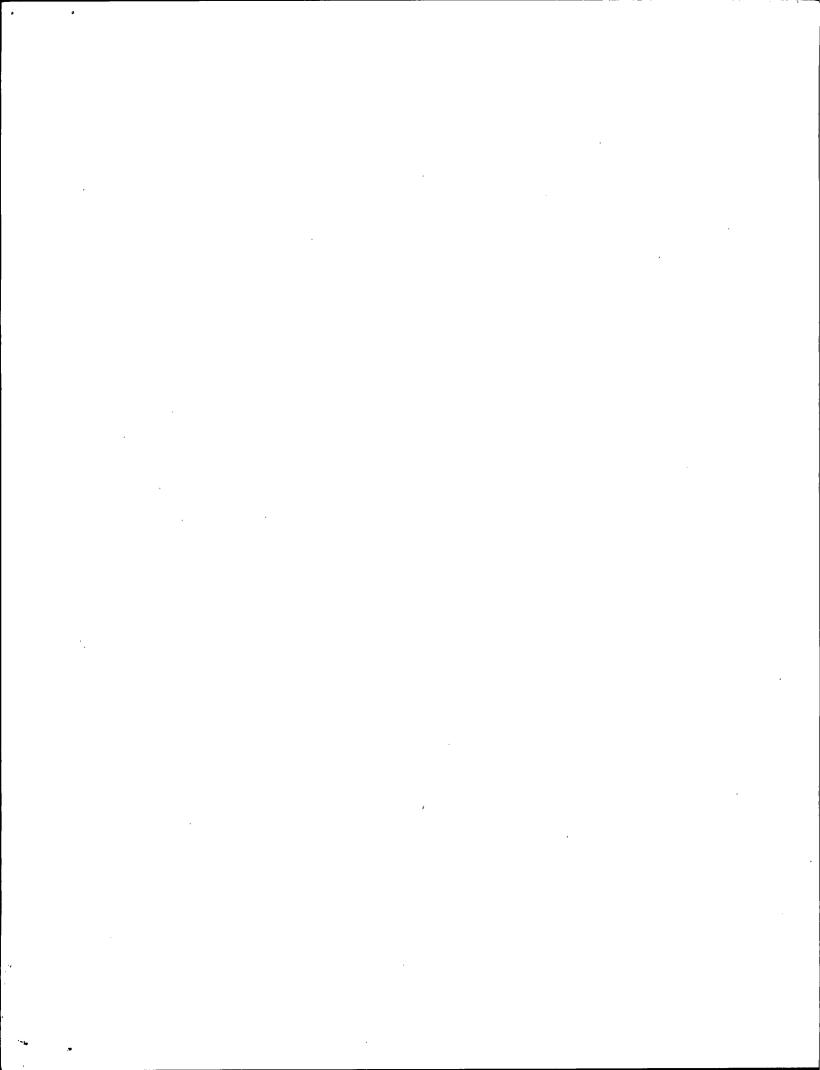


#### Memorandum:

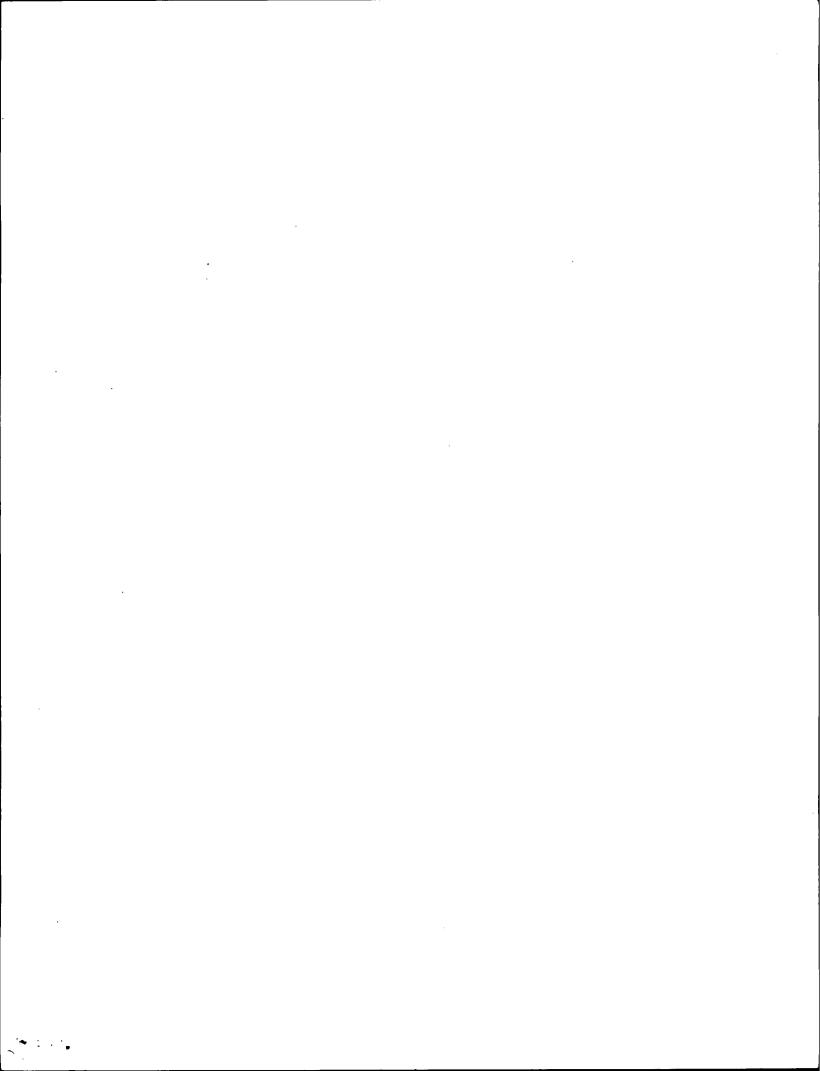
An Fvaluation of the Removal of Largemouth Bass From the North East Effect of Pepco Installation on the Potomac River Fish Life Growth Rate of Maryland Fresh Water Fish, 1962 - Ref. No. 62-13 Result of a Seining Survey in Kimball's Pond, Kent County. An Associated Bibliography to the Introduction of Striped Bass in Ponds, May, 1958. By: Harold Elser and Romeo Mansueti - Ref. No. 58-20 Escape of Fish Over Spillways: Maryland 1958-1960 - Ref. No. 60-49 Results of Seining Survey in Kimball's Pond, Kent Island, Maryland - An Annotated Bibliography to the Introduction of Striped Bass in Ponds. By: Romeo Mansueti and Harold Elser, Fisheries Biologist, Solomons, Maryland - Ref. No. 58-20

# JOB COMPLETION REPORTS EDERAL AID RESEARCH - MARYLAND

| <u>F-3-R-2</u>   |   |  |
|--|---|--|
| · >-1/-5   |   |  |
| Job #1 - A comparison of product; bass from major area   |   |  |
| Job #2 - A study of net fishing  | on others                               | - 1955   |
| Job #5 - Delineation of major str  | ciped bass spawning                     | - 1955   |
| Job #4 - Establishment of the sea  | uson and duration of                    | - 1955   |
| Job #5 - Migration of striped bas Job #6 - Evaluation of maximum (1  | • | - 1955<br>- 1955   |
| <u>DE</u>  | EP CREEK LAKE                           | - 1955   |
| Job #1 - Chemical analysis of water Job #2 - Creel census Deep Creek I Job #3 - Volumetric examination of Job #4 - Fish population Study Job #5 - Fish stomach analysis . Job #6 - Age, growth and condition F-8-R-2 | Plankton                                | - 1956<br>- 1956<br>- 1956<br>- 1956<br>- 1956<br>- 1956 |
| POTO   | MAC RIVER                               | •  |
| Job #1 - Study of smallmouth bass period with emphasis or Job #2 - Study of gonad developmen (Continued)   | t peak                                  | 1955<br>1955   |
|  |   |  |



|   |   |   | 177                          |
|---|---|---|------------------------------|
|   | F-8-R-2   | POTOMAC RIVER (Cont'd)  |                              |
|   |   | Study of age, growth and condition factors of smallmouth bass and associate species Fish population studies with special refer-   | 1956                         |
|   | Job #5 -  | ence to migration, quantitative and qualitative investigation   | 1956<br>1956                 |
|   | F-8-R-3   | craps   | -//-                         |
|   | Job #1 -<br>Job #2 -  | Visual study of smallmouth bass spawning Ovarian analysis of smallmouth bass Age and growth determination of smallmouth   | 1957<br>1957                 |
|   | Job #4 -  | bass Potomac trap catches popylation analysis. Creel census Potomac River, Montgomery County Creel census Potomac River, Frederick County.  | 1957<br>1957<br>1957<br>1957 |
| , |   | Smallmouth Bass Management in the Potomac River was read at the North American Wildlife Conference, St. Louis, March, 1958.   | ,                            |
|   |   | WETLAND DEV FLOPMENT SURVEY   |                              |
|   | W-30-R Job<br><u>F-8-R-3</u>  | o 1   |                              |
|   | Job #2 -  | Visual study smallmouth bass spawning Ovarian analysis of smallmouth bass Age and growth determination of smallmouth  | 1957<br>1957                 |
|   | Job #4 -  | bass  | 1957<br>1957<br>1957         |
|   | ·<br>·  | INVESTIGATION PROJECTS - 1958-1959  |                              |
|   | Project F   | <u>-10-R-1</u>  |                              |
| • | Job No. I | .A.5 - Deep Creek Lake - Yellow Perch Control Plot Pr<br>.B.1 - Savage River Reservoir Age and Growth Determin<br>.B.2 - Savage River Reservoir Creel Census<br>.B.3 - Savage River Reservoir Population Studies<br>.B.4 - Savage River Watershed Trout Inventory of Monr | oject<br>ation<br>oe River   |
|   |   |   |                              |



## INVESTIGATION REPORTS (Cont'd)

#### Project F-10-R-1 (Cont'd)

Job No. I.T.1 -- Piney Reservoir - Age and Growth Determination Job No. I.F.1

- Piney Reservoir - Population Studies Job No. 2.A.la

- Potomac River Creel Census - Lander, Frederick

Job No. II.A.1 County - Potomac River Creel Census - Montgomery County Job No. II.A.1 - Potomac River Creel Census - Washington County Job No. II.B.1

- Patuxent River Basin Age and Growth Determination Job No. II.B.2 - Little Patuxent River Creel Census

Job No. II.B.3a - Little Patuxent River Population Analysis Job No. II.B.3(3)

- Tridelphia Reservoir Study Job No. III.A.1 - Leonard's Lake Creel Census

Job No. III.4.2 - Leonard's Lake Population Analysis Job No. III.B.1

- Smithville Lake Creel Census Job No. III.B.2

- Smithville Lake Population Studies Job No. III.C.1

- Urieville Lake Creel Census

Job No. III.C.2 - Urieville Lake Population Studies Job No. III.D.1 - Wye Mills Lake Creel Census

### Project F-10-R-2

Job No. 4 - Potomac River Creel Census Job No. 5 - Potomac River Creel Census

## Project F-10-R-3 (1961)

Job No. la - Spawning Characteristics of the White Crappie in Maryland Reservoirs Job No. 1b - Spawning Characteristics of Black Crappie in Maryland waters Job No. 2 - Observation on the Behavior of Crappies in Selected Maryland Waters Job No. 3 - Determination of Age Growth Rate of Black Crappie and White Crappie in Maryland Reservoirs Job No. 4 - Food Habits of Crappie in Maryland Reservoirs Job No. 5 - Estimates of Rates of Exploitation of Crappie Job No. 6 - Estimates of Populations of Crappie and Associated Species in Selected Waters

## Project F-10-R-4 (1961)

Job No. la - Determine the Survival Rate of Largemouth Bass and Associated Species From Stocking and Tagging, Largemouth Bass.

Job No. 1b - Creel Census of Largemouth Bass and Associated Species on Certain Maryland Lakes

(Continued)

